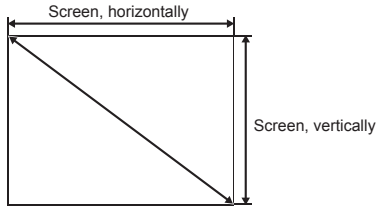
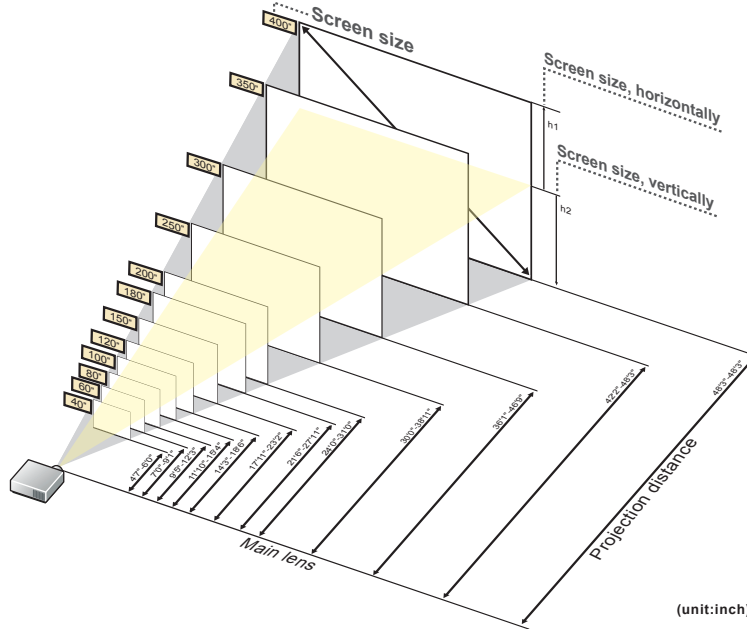


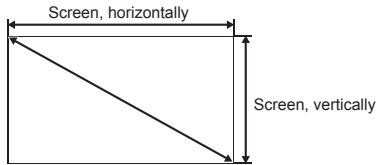
This is the throw distance ratio when the screen size is 100. Since design values are used, there will be some disparity.



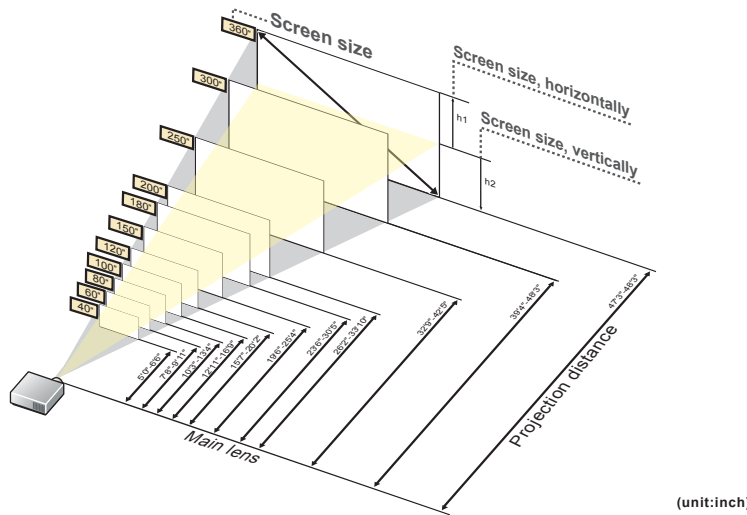
[For the 4:3 ratio]



4:3											
Screen size	inch			31"	40"	50"	60"	70"	80"	90"	100"
Screen size, horizontally	inch			21"	28"	34"	40"	48"	54"	60"	68"
Screen size, vertically	inch			17"	20"	26"	30"	36"	40"	46"	50"
Projection distance (Shortest to longest)	inch			47"-47"	47"-60"	59"-76"	70"-91"	82"-108"	95"-123"	107"-1310"	1110"-154"
h1=h2	inch			9.3"	10.0"	13.0"	16.0"	19.0"	20.0"	23.0"	26.0"
Screen size	inch	110"	120"	130"	140"	150"	160"	170"	180"	190"	200"
Screen size, horizontally	inch	74"	80"	88"	94"	100"	108"	114"	120"	128"	134"
Screen size, vertically	inch	56"	60"	66"	70"	76"	80"	86"	90"	96"	100"
Projection distance (Shortest to longest)	inch	131"-1611"	143"-186"	156"-201"	168"-218"	1711"-232"	191"-249"	204"-264"	216"-2711"	229"-296"	240"-310"
h1=h2	inch	29.0"	30.0"	33.0"	36.0"	39.0"	40.0"	43.0"	46.0"	49.0"	50.0"
Screen size	inch	210"	220"	230"	240"	250"	260"	270"	280"	290"	300"
Screen size, horizontally	inch	140"	148"	154"	160"	174"	180"	188"	194"	200"	208"
Screen size, vertically	inch	106"	110"	116"	120"	126"	130"	136"	140"	146"	150"
Projection distance (Shortest to longest)	inch	252"-327"	269"-342"	277"-359"	2810"-374"	300"-3811"	313"-405"	325"-420"	338"-437"	3411"-452"	361"-469"
h1=h2	inch	53.0"	56.0"	59.0"	60.0"	63.0"	66.0"	69.0"	70.0"	73.0"	76.0"
Screen size	inch	310"	320"	330"	340"	350"	360"	370"	380"	390"	400"
Screen size, horizontally	inch	208"	214"	220"	228"	234"	240"	248"	254"	260"	268"
Screen size, vertically	inch	156"	160"	166"	170"	176"	180"	186"	190"	196"	200"
Projection distance (Shortest to longest)	inch	374"-483"	386"-483"	399"-483"	4011"-483"	422"-483"	435"-483"	447"-483"	4510"-483"	470"-483"	483"-483"
h1=h2	inch	79.0"	80.0"	83.0"	86.0"	89.0"	90.0"	93.0"	96.0"	99.0"	100.0"



[For the 16:9 ratio]



16:9											
Screen size	inch			30"	40"	50"	60"	70"	80"	90"	100"
Screen size, horizontally	inch			22"	211"	38"	44"	51"	510"	66"	73"
Screen size, vertically	inch			13"	18"	21"	25"	210"	33"	38"	41"
Projection distance (Shortest to longest)	inch			47"-410"	50"-66"	64"-83"	78"-911"	811"-118"	103"-134"	117"-1511"	1211"-169"
h1=h2	inch			7.4"	9.8"	10.3"	12.7"	15.2"	17.6"	110.1"	20.5"
Screen size	inch	110"	120"	130"	140"	150"	160"	170"	180"	190"	200"
Screen size, horizontally	inch	80"	89"	95"	102"	1011"	118"	124"	131"	1310"	146"
Screen size, vertically	inch	46"	411"	54"	59"	62"	66"	611"	74"	79"	82"
Projection distance (Shortest to longest)	inch	143"-186"	157"-202"	1611"-2111"	182"-237"	196"-254"	2010"-270"	222"-289"	236"-305"	2410"-322"	262"-3310"
h1=h2	inch	23.0"	25.4"	27.9"	210.3"	30.8"	33.2"	35.7"	38.1"	310.6"	41.0"
Screen size	inch	210"	220"	230"	240"	250"	260"	270"	280"	290"	300"
Screen size, horizontally	inch	153"	160"	169"	175"	182"	1811"	197"	204"	211"	2110"
Screen size, vertically	inch	87"	90"	95"	910"	103"	108"	110"	115"	1110"	123"
Projection distance (Shortest to longest)	inch	275"-357"	289"-373"	3011"-390"	315"-408"	329"-425"	341"-441"	355"-4510"	368"-476"	380"-483"	394"-483"
h1=h2	inch	43.5"	45.9"	48.4"	410.8"	51.3"	53.7"	56.2"	58.6"	511.1"	61.5"
Screen size	inch	310"	320"	330"	340"	350"	360"				
Screen size, horizontally	inch	226"	233"	240"	248"	255"	262"				
Screen size, vertically	inch	128"	131"	136"	1311"	144"	149"				
Projection distance (Shortest to longest)	inch	408"-483"	420"-483"	434"-483"	448"-483"	460"-483"	473"-483"				
h1=h2	inch	64.0"	66.4"	68.9"	611.3"	71.8"	74.2"				